Monday, 6/25/2007 9:10:08 AM Kim Johnston Hiser **Process Sheet** : WEARPLATE **Drawing Name** : CU-DAR001 Dart Helicopters Services Customer Job Number : 33113 : 10606 Estimate Number : D33193 : NIA Part Number P.O. Number · D3319 REV. B S.O. No. : 2) : 6/25/2007 **Drawing Number** This Issue : N/A Project Number Prsht Rev. : NC : SMALL /MED FAB : B **Drawing Revision** First Issue Material Previous Run : 7/10/2007 **Due Date** Written By Checked & Approved By New issue KJ/JLM Comment - Est Rev:B Now on Waterjet 06-10-03 JLM Additional Product Job Number: Description: Seq. #: Machine Or Operation: M1010S18GA 1010/1025/A21/6aA SHEET .048 1.0 34.1502 sf(s) Comment: Qty.: 3.4150 sf(s)/Unit Total: 1010/1025/A21/6aA SHEET .048" Thick M105084 Comment: FLOW WATER JET 1-Cut as per Dwg D3319 Dwg Rev: **B** Prog Rev:___ 2-Deburr if necessary INSPECT PARTS AS THEY COME OFF MACHINE 3.0 QC2

Comment: INSPECT

PARTS AS THEY COME OFF MACHINE SECOND CHECK



Comment: SECOND CHECK

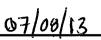
QC8

4.0



Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr if necessary







Each

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
	, see						•				
				271.5.			. 2				

Part No:		PAR #:	Fault Category:		NCR: Yes No	DQA:	Date: <u>67</u>	209 (2
	•			96	QA: N/C C	losed:	Date:	

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief [26]	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
02/08/02	20	Scrap one part because		Scrap. destry replace	SAN			En
		of fower outage			07/08/10		-	\$ 021
		Machine did not Finish	Posicur	·	1 703	07/04/07	Pasian	65 07Ck
		upue capatin four 2		Grap and Destroy	of sale			
ofoelot	20	out for ero.	1	and Replace	3702	S S	1/	ر من
		R.C. Parts mono	asioun			07/08/07	oside	04/26/07
50/80/50	2.0	I Part moved when water	/	Scrap and destroy	SAP	1		
Officer		jet was cotin,	1	and neplace	orlog/2			in
		Li. Parts mong	OSIML			of sta	25142	MARCO

NOTE: Date & initial all entries

Date:	Monday, 6/25/2007 9:10:08 AM		+
User: *	Kim Johnston	Process Sheet	
Custo	mer: CU-DAR001 Dart Helicopter	s Services Drawing Name: WEARPLATE	
	·		
Joh Nun	nber: 33113	Part Number: D33193	
Job Number		11111	
JOD MUITIDE			
		<u> </u>	
Seq. #:	Machine Or Operation:	Description :	
6.0	BRAKE NC	NC BRAKE	
Co	omment: NC BRAKE		80 01 1
	Form using DT8326 &	DT8261 as per Dwg D3319 Rev: <u>' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '</u>	OB 0+10x 123
7.0	QC6	DIMENSIONAL CHECK	(1885) (8.14) (4.14) (4.11) (4.11)
	omment: DIMENSIONAL CHEC		03/08(85 (4/0)
8.0	LARGE FAB 1	LARGE FABRICATION RESOURCE 1	
		DESCRIPTION A	i 1001/10 1150 1400 1101 1001
	omment: LARGE FABRICATION	D3319-3T2 per QSI 004 and Dwg D3319 Rev: 17	
	Qty Part Number	Description Batch	
		560 Hardcoat Rod MI04855 FC	07/09/20 (10)
9.0	QC9	VISUAL WELDING INSPECTION	
• • • • • • • • • • • • • • • • • • • •			I I I I I I I I I I I I I I I I I I I
. Co	omment: VISUAL WELDING INS	PECTION	Mo7/09/20 (10)
10.0	POWDER COATING	POWDER COATING	
		10(15)	
		M107876	
Co	omment: POWDER COATING		El magha
	Powder Coat Grey San	ttex (Ref: 4.3.5.6) as per QSI 005 4.3	2 0101/20
11.0	QC3	INSPECT POWDER COAT/CHEMICAL CONVE	ERSION
		1/19/2/06	7/11/11 16/15 1641 11/11/11/11
	omment: INSPECT POWDER C		<u> </u>
12.0	PACKAGING 1	PACKAGING RESOURCE #1	
	mmont: DACKACING DECOLE	OF #1	
00	mment: PACKAGING RESOUF	e using a permanent fine point marker with the following:	
	TCCA-PDA, Dart Aeros		`
	P/N: D3319-3, B/N: BX	•	·
	For Product Eligibility s	4	
	and Stock	D/ m/m	
	Location:	CA 104/04/21	(20)
	•		
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Form mrocess

Page 2

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Dart Ae	rospace L	td								
N/O:			W	ORK ORDER CHANG	GES			· · · · · · · · · · · · · · · · · · ·		
DATE	STEP	PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
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					:		·			
Part No		DAD #.	Foult Coto		NO	3. V	N. DO		D 4	
raitivo		PAR #:	Fault Cate	gory:	NC					
<u> </u>	· · · · · · · · · · · · · · · · · · ·							d:	_ Date: _	
NCR:		,	WORK ORD	ER NON-CONFORM	ANCE	(NCR	2)			
DATE	OTED	Description of NC		Corrective Action Sec	Section B			ation	Approval	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	Approval QC Inspector
										:
								!		

NOTE: Date & initial all entries

Monday, 6/25/2007 9:10:08 AM

User: 1

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 33113

Part Number: D33193

Job Number:



Seq. #:

Machine Or Operation:

Description:

13.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Dart Aerospac	e l	_td
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No:		PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:					

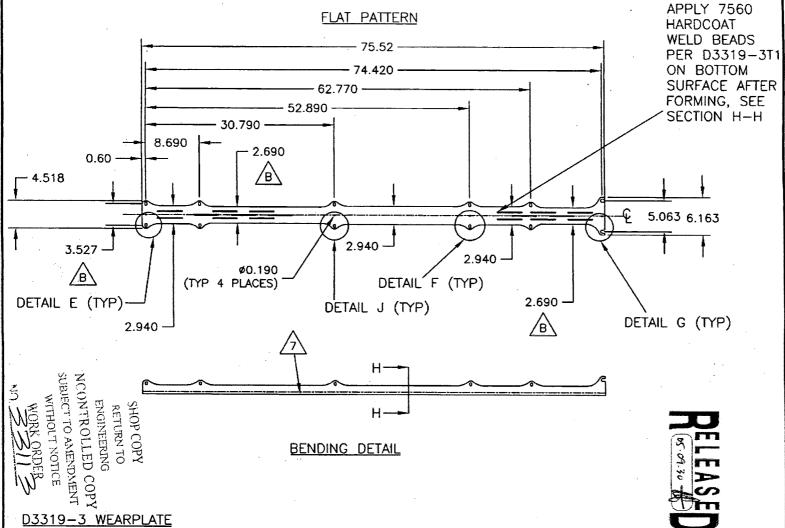
QA: N/C Closed: _____ Date: ____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B		Varification	Approval Chief Eng	Approval QC Inspector		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C				
							•			

NOTE: Date & initial all entries

05.06.06 D3319 DRAWING NO WEARPLATE

1:15



- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
- POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3 2) FINISH:
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004

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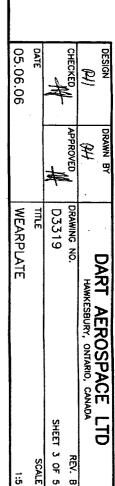
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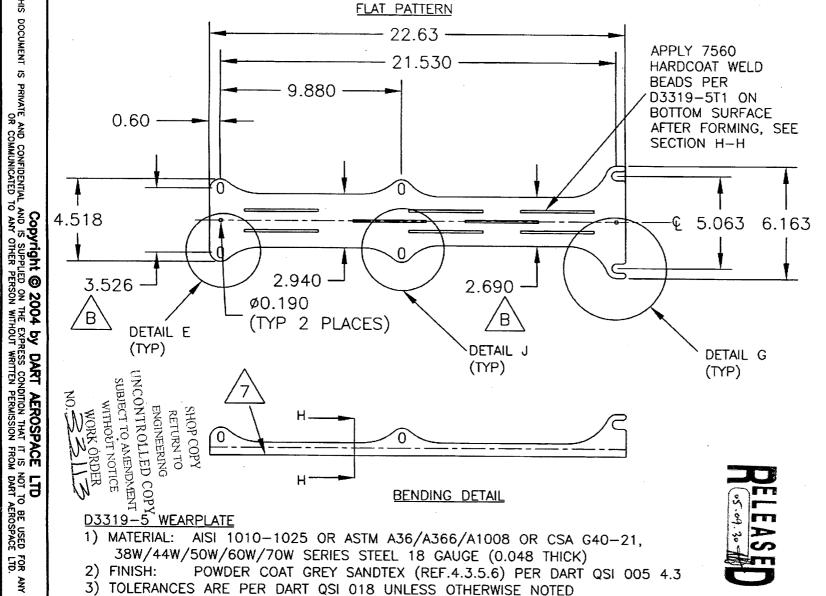
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7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER: "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-3 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18"







- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004

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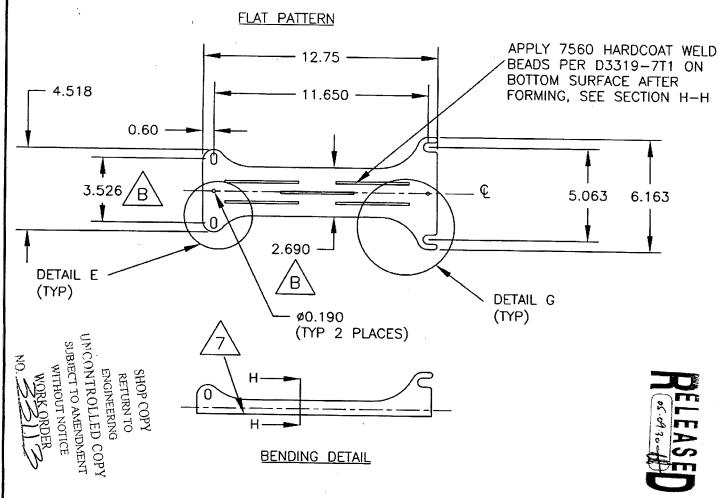
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7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER: "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-5 B/N BXXXXX. FOR PRODUCT ELIGIBILITY SEE PDA05-18"

D3319 WEARPLATE DRAWING NO

AEROSPACE SHEET SCALE 윾



D3319-7 WEARPLATE

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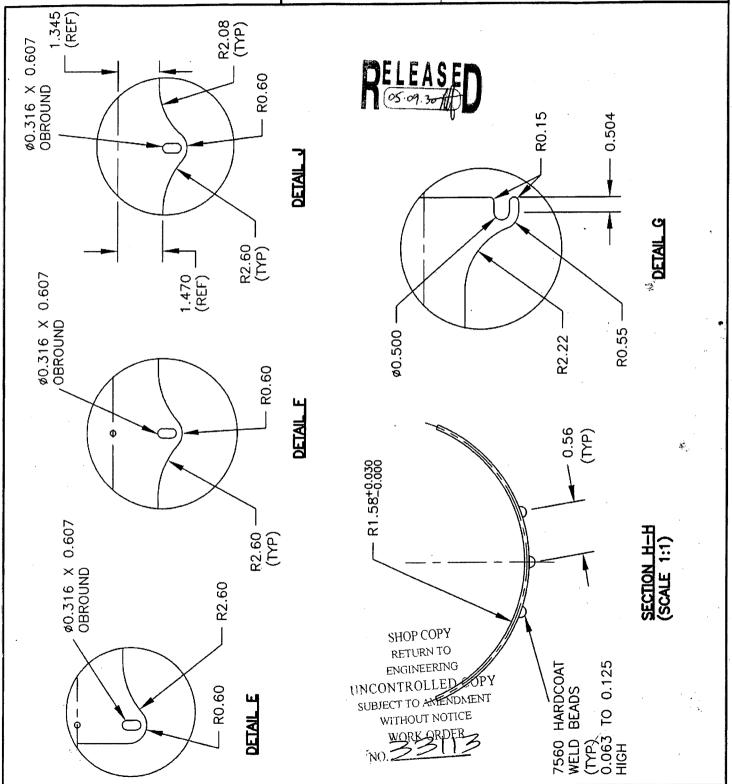
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- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004
- 7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER: "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-7 B/N BXXXXX. FOR PRODUCT ELIGIBILITY SEE PDA05-18"



DESIGN PH	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED	APPROVED A	DRAWING NO.	REV. B
d d	#	D3319	SHEET 5 OF 5
DATE	· · · · · · · · · · · · · · · · · · ·	TITLE	SCALE
05.06.06		WEARPLATE	1:3



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DART AEROSPACE LTD Work Order: 33113

Description: WERRYLATE Part Number: D33193

inspection Dwg: D33193 Rev: 3

Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

V	First Article	Prototype
	I HOLMICO	,,,,,,,,,

Drawing Dimersion	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
75.52	+/-0.030	75.50	1		M-T	
74,420	+1.0.010	74.42	1		M-T/ven	
62.770	41-0:010	67.770	✓	,	4-T/vern	.
52.890	+10.010	52.890	/		H-T	
30-790	+1.0.010	30.780	V		M-T/vern	
0.60	+4 0.030	0.60	V		Vern	
8.690	+1.0.010	8.680			M-T/very	
2-690	+40.010	2,698	/		Vern	
4,518	+/-0.010	4,520	<i>'</i>		Vern	
3.527	41-0.000	3.529	ن		Vern	
2.940	+10.010	2.950			Vern	
2.690	1-0.010	€2,697	4		Vern	
5.063	+40.010	5.069	. /		Vern	
6.163	V-0.010	6.160			Vern	
0.316 ×1607	41-0.010	0.314 40.608			Vern	
\$0.190	+0.005/0.001	0.191	V		Vern	
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Measured by:	SAO	Audited by:	Prototype Approval:	
Date:	07/08703	Date:	Date:	-

Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	